



US 20110165562A1

(19) **United States**(12) **Patent Application Publication**
Pourahmadi et al.(10) **Pub. No.: US 2011/0165562 A1**(43) **Pub. Date: Jul. 7, 2011**(54) **METHOD FOR SEPARATING AN ANALYTE
FROM A SAMPLE**09/331,911, filed on Jun. 25, 1999, now Pat. No. 6,440,
725, filed as application No. PCT/US98/27632 on
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(US)(21) Appl. No.: **13/042,203**(22) Filed: **Mar. 7, 2011****Related U.S. Application Data**(62) Division of application No. 12/370,527, filed on Feb.
12, 2009, now Pat. No. 7,914,994, which is a division
of application No. 11/121,541, filed on May 3, 2005,
now Pat. No. 7,569,346, which is a division of appli-
cation No. 10/005,685, filed on Nov. 7, 2001, now Pat.
No. 6,893,879, which is a division of application No.**Publication Classification**(51) **Int. Cl.**
C12Q 1/68 (2006.01)
C12S 3/20 (2006.01)
C07H 1/06 (2006.01)(52) **U.S. Cl.** **435/6.1; 435/270; 536/25.41**(57) **ABSTRACT**

An analyte is separated from a fluid sample by introducing the sample into a cartridge having a sample port and a first flow path extending from the sample port. The first flow path includes an extraction chamber containing a solid support for capturing the analyte from the sample. The cartridge has a second flow path for eluting the captured analyte from the extraction chamber, the second flow diverging from the first flow path after passing through the extraction chamber. The sample is forced to flow through the extraction chamber and into a waste chamber, thereby capturing the analyte with the solid support as the sample flows through the extraction chamber. The captured analyte is then eluted from the extraction chamber by forcing an elution fluid to flow through the extraction chamber and along the second flow path.

